

DESOTO, INC.
MATERIAL SAFETY DATA SHEET

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Dms 2115

SECTION I

DESOTO, INC.
ADMINISTRATIVE AND RESEARCH CENTER

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PRODUCT CLASS
MODIFIED POLYESTER

MANUFACTURERS CODE IDENTIFICATION
824X316

TRADE NAME SUPER DESOTHANE

DATE OF PREPARATION 07/01/85

*****SECTION II-HAZARDOUS INGREDIENTS*****

INGREDIENT [CAS NUMBER]	% BY* WEIGHT	OSHA PEL-PPM	ACGIH TLV-PPM	LEL	VAPOR PRESSURE @ 20 DEG C
BUTYL ACETATE [123-86-4]	10.0	150	150	1.7	8.0
2-ETHOXYETHYL ACETATE[111-15-9]	25.0	S-100	S-5	1.8	2.0
ETHYL ACETATE [141-78-6]	< 5.0	400	400	2.2	76
METHYL ISOBUTYL KETONE 108-10-1	10.0	100	50	1.4	15
LEAD CHROMATE [18454-12-1]	30.0	SEE	BELOW	NA	NA

THE OSHA PEL FOR LEAD CHROMATE IS 0.05 MG/M3 AS LEAD AND 0.05 MG/M3 AS CHROMIUM.
THE ACGIH TLV FOR LEAD CHROMATE IS 0.05 MG/M3 AS CHROMIUM.

* PERCENT BY WEIGHT:
TO NEAREST 5% FOR SUBSTANCES 5-95%;
<5.0 FOR SUBSTANCES 1.0-5.0%;

S=SKIN; C=CEILING LIMIT
NE = NOT ESTABLISHED
NA = NOT APPLICABLE

*****SECTION III-PHYSICAL DATA*****

PROPERTY	MEASUREMENT
BOILING RANGE @ 760 MM HG	171.0 TO 313.0 DEG F. 77.0 TO 156.0 DEG C.
VAPOR DENSITY	(X) HEAVIER () LIGHTER THAN AIR
WEIGHT PER GALLON	11.3 LBS.
PERCENT VOLATILE BY VOLUME	63.4
EVAPORATION RATE	() FASTER (X) SLOWER THAN ETHER
APPEARANCE AND ODOR	LIQUID, SOLVENT ODOR

*****SECTION VII-HEALTH HAZARD DATA*****

THRESHOLD LIMIT VALUE: SEE SECTION II (NOT ESTABLISHED FOR PRODUCT)

EFFECTS OF OVEREXPOSURE:

INHALATION:

EXPOSURE MAY CAUSE NASAL AND RESPIRATORY IRRITATION AND ACUTE CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION OR UNCONSCIOUSNESS. ASPHYXIATION MAY RESULT FROM BREATHING OXYGEN DEFICIENT AIR.

SKIN CONTACT:

PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION, DEFATTING OR DERMATITIS.

EYE CONTACT:

PRIMARY IRRITATION.

INGESTION:

MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

OTHER HEALTH EFFECTS: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EFFECTS INCLUDE CONCENTRATION DIFFICULTIES, DIMINISHED MANUAL DEXTERITY AND MEMORY LOSS.

OTHER HEALTH EFFECTS: REPRODUCTIVE AND BLOOD DISORDERS AND BIRTH DEFECTS HAVE BEEN OBSERVED IN TESTS ON LABORATORY ANIMALS WITH 2-METHOXYETHANOL, 2-ETHOXYETHANOL AND 2-ETHOXYETHYL ACETATE.

OTHER HEALTH EFFECTS: OVEREXPOSURE TO LEAD MAY CAUSE LEAD POISONING. SYMPTOMS INCLUDE METALIC TASTE, FATIGUE, SLEEP AND GASTROINTESTINAL DISTURBANCES, ANEMIA AND BRAIN, NERVOUS SYSTEM AND KIDNEY EFFECTS. SEVERE OVEREXPOSURE TO LEAD HAS ALSO BEEN ASSOCIATED WITH MALE AND FEMALE REPRODUCTIVE EFFECTS.

OTHER HEALTH EFFECTS: THE HEXAVALENT CHROMIUM COMPOUND CONTAINED IN THIS PRODUCT IS RECOGNIZED TO HAVE CARCINOGENIC POTENTIAL.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION:

REMOVE FROM EXPOSURE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR CARDIOPULMONARY RESUSCITATION (CPR) IF REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM AND QUIET. GET MEDICAL ATTENTION.

SKIN CONTACT:

WASH AFFECTED AREAS WITH SOAP AND WATER. DO NOT USE SOLVENTS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. GET MEDICAL ATTENTION. DISCARD CONTAMINATED LEATHER ITEMS.

EYE CONTACT:

FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION:

GET MEDICAL ATTENTION.

*****SECTION VIII-SPECIAL PROTECTION INFORMATION*****

RESPIRATORY PROTECTION: IN AREAS WHERE TLVS IN SECTION II MAY BE EXCEEDED OR IF SPRAY MIST IS PRESENT, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION APPROPRIATE FOR INDICATED COMPONENTS. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATORS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS AND OSHA REGULATIONS (29 CFR 1910.134) FOR RESPIRATOR USE.

VENTILATION: WHERE EMPLOYEES MAY BE EXPOSED, PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP LEVEL OF HAZARDOUS INGREDIENTS IN SECTION II BELOW RECOMMENDED (ACGIH TLV) OR REGULATE D (OSHA PEL) LIMIT. WHERE EMPLOYEES WILL NOT BE EXPOSED, KEEP LEVEL BELOW 25% OF LEL IN SECTION II.

PROTECTIVE GLOVES: WEAR CHEMICALLY RESISTANT GLOVES.

EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

OTHER PROTECTIVE EQUIPMENT: AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE CLOTHING. A SAFETY SHOWER, AN EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.

*****SECTION IX-SPECIAL PRECAUTIONS*****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. DO NOT STORE ABOVE 49 DEG C (120 DEG F). STORE FLAMMABLE LIQUIDS IN ACCORDANCE WITH APPLICABLE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES AND GOVERNMENTAL REGULATIONS.
GROUNDING AND BONDING PROCEDURES SHOULD BE FOLLOWED WHEN TRANSFERRING THIS MATERIAL. AVOID FREE FALL OF LIQUID. DO NOT SMOKE WHERE THIS MATERIAL IS USED OR STORED. DO NOT APPLY TO HOT SURFACES.

OTHER PRECAUTIONS:

EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR DRUM.
DO NOT TAKE INTERNALLY. DO NOT DELIBERATELY CONCENTRATE THIS PRODUCT AND INHALE THE VAPORS. PREVENT PROLONGED CONTACT WITH CONTAMINATED CLOTHING WASH CONTAMINATED CLOTHING BEFORE REUSE.
VAPORS OF THIS PRODUCT ARE HEAVIER THAN AIR AND MAY COLLECT IN LOW OR CONFINED AREAS. DO NOT ENTER SUCH AREAS WITHOUT FOLLOWING APPROPRIATE PROCEDURES INCLUDING AIR MONITORING, USE OF SUPPLIED AIR IF NECESSARY AND THE PRESENCE OF AN OBSERVER FOR ASSISTANCE.

DO NOT SAND, FLAME CUT, BRAZE OR WELD THE DRY COATING WITHOUT NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

OBSERVE PRECAUTIONARY LABEL WARNINGS.

PREPARED BY S. M. STEVENSON
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